B. Sandals

#6
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/664,186

DATE: 05/24/2002
TIME: 16:20:16

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Output Set: N:\CRF3\05242002\I664186.raw

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 1 <110> APPLICANT: Wayne, Jay
 2       Xu, Shuang-yong
 3 <120> TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
 4       Vectors And Identification of Two Thermus Plasmid
 5       Replication Origins
 6 <130> FILE REFERENCE: Thermus Shuttle Vector
 7 <140> CURRENT APPLICATION NUMBER: 09/664,186
 8 <141> CURRENT FILING DATE: 2000-09-18
10 <150> PRIOR APPLICATION NUMBER: US/09/134,246B
11 <151> PRIOR FILING DATE: 1998-08-14
13 <160> NUMBER OF SEQ ID NOS: 30
14 <170> SOFTWARE: PatentIn Ver. 2.0
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47        1               5                   10                  15
48       gaa acc cac gac aac acc gat gcc act agg ggg tca gat agg ggg tca    96
49       Glu Thr His Asp Asn Thr Asp Ala Thr Arg Gly Ser Asp Arg Gly Ser
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54     aat cgc ctc gcg aag ggc ttt aca tac caa aaa gag gca ctt agg att    192
55     Asn Arg Leu Ala Lys Gly Phe Thr Tyr Gln Lys Glu Ala Leu Arg Ile
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57     gct tta ccc gag aaa gac cat gag gct ttc ctt tcc tct gtt ggg gcc    240
58     Ala Leu Pro Glu Lys Asp His Glu Ala Phe Leu Ser Ser Val Gly Ala
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60     ccc cct ata cca cca gct gaa ccc ccc gtt ggg aat gta tgt caa gcc    288
61     Pro Pro Ile Pro Pro Ala Glu Pro Pro Val Gly Asn Val Cys Gln Ala
62                    85                     90                      95
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64     Val Gln Asp Gly Pro Gln Lys Leu Leu Glu Leu Leu Gln Glu Ile Ala
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66     cgc tcc acc atc ccc tac ggc aac cgg gag ctc tgg agg aag gtg ggg    384
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69     acg gtc gtc ttc atg gtc ccc ctg gag atg ttg gcc ctc aac ctg ggg    432
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79     Arg Ala Ile Gly Thr Leu Trp Ala Val Arg Leu Arg Pro Gly Lys Ala
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106       Tyr Thr Asp Gly His Leu Thr Arg Pro Gly Ala Tyr Leu Val Lys Thr
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